



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

David J. Hammond *et al.*

Application No.: 10/727,335

Group Art Unit: 1645

Filed: December 3, 2003

Examiner: Not Assigned yet

For RION PROTEIN LIGANDS AND  
: METHODS OF USE

Attorney Docket No.: 21267-201

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Forms PTO/SB/08A, and PTO/SB/08B.

A supplemental Information Disclosure, along with the International search report has been filed on Feb 17, 2005.

**CERTIFICATE OF MAILING  
UNDER 37 C.F.R. 1.8(a)**

I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Mail Stop AMENDMENTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

BY Houri Khalilian

DATE: March 9 / 2006

**FORMAL MATTERS**

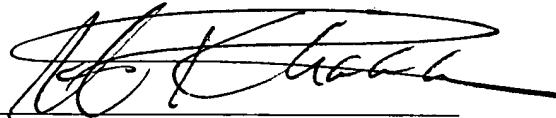
In accordance with 37 C.F.R. § 1.97(b)(3), since a first Official Action on the merits of the subject application has not yet been issued, neither a certificate, petition nor payment of a fee is believed to be required for this Information Disclosure Statement.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Forms PTO/SB/08A and PTO/SB/08B be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached by telephone at (301) 767-0134. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Houri Khalilian', written over a horizontal line.

Houri Khalilian, PH.D.  
Attorney for Applicant  
Registration No. 39,546

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Complete if Known**

<b>Application Number</b>	<b>10/727,335</b>
<b>Filing Date</b>	<b>12/03/2003</b>
<b>First Named Inventor</b>	<b>David J. Hammond</b>
Group Art Unit	1645
<b>Examiner Name</b>	<b>Not Assigned Yet</b>
<b>Attorney Docket Number</b>	<b>21267-201</b>

Sheet	1	of	3
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Page
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	15		WO 01/77687		V.I. Technologies, Inc.	10-18-2001		
	16		WO 03/016904		Campell	02-27-2003		
	17		WO 92/00091		Biologand, Inc.	01-09-1992		
Examiner Signature						Date Considered		

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. 1503-1506 (2000) : 1503-1506 (2000))PTO/SB/08A (08-00)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/727,335		
		Filing Date	12/03/2003		
		First Named Inventor	David J. Hammond		
		Group Art Unit	1645		
		Examiner Name	Not Assigned Yet		
Sheet	2	of	3	Attorney Docket Number	21267-201

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	18	AUBRY <i>et al.</i> , "N-Methyl Peptides. IV. Water and Beta-Turn in Peptides. Crystal Structure of N-Pivaloyl-L-Prolyl-N, N'-Dimethyl-D-Alaninamide in the Anhydrous and Monohydrated States", <i>Int. J. Pept. Protein Res.</i> , 18: 195-202 (1981).	
	19	CAUGHEY, B., <i>et al.</i> , "Binding of the Protease-Sensitive Form of Prion Protein PrP to Sulfated Glycosaminoglycan and Congo Red", <i>Journal of Virology</i> , 68: 2135-2141 (1994).	
	20	DEGRADO, W.F., "Design of Peptides and Proteins", <i>Adv. Protein Chem.</i> :39, 51-124, (1988).	
	21	DEVLIN, J.J. <i>et al.</i> , "Random Peptide Libraries: A Source of Specific Protein Binding Molecules", <i>Science</i> : 249, 404-406 (1990).	
	22	FISCHER, M.B. <i>et al.</i> , "Binding of Disease-Associated Prion Protein to Plasminogen", <i>Nature</i> : 408, 479-483 (2000).	
	23	FURKA, A. <i>et al.</i> "General Method for Rapid Synthesis of Multicomponent Peptide Mixtures", <i>Int. J. Peptide Protein Res.</i> :37, 487-493 (1991).	
	24	INGROSSO, L., <i>et al.</i> , "Congo Red Prolongs the Incubation Period in Scrapie-Infected Hamsters", <i>Journal of Virology</i> : 69, 506-508 (1995).	
	25	JAMESON, B.A. <i>et al.</i> , "A Rationally Designed CD4 Analogue Inhibits Experimental Allergic Encephalomyelitis", <i>Nature</i> : 368, 744-746 (1994).	
	26	KASCSAK, R.J., <i>et al.</i> , "Immunodiagnosis of Prion Disease", <i>Immunological Invest.</i> : 26, 259-268 (1997).	
	27	LAM, K.S. <i>et al.</i> , "A New Type of Synthetic Peptide Library for Identifying Ligand-Binding Activity", <i>Nature</i> : 354,82-84 (1991).	
	28	Soto <i>et al.</i> , "Reversion Of Prion Protein Conformational Changes By Synthetic $\beta$ -Sheet Breaker Peptides", <i>LANCET</i> : 355, 192-197 (2000).	
	29	MERRIFIELD, B. "Solid Phase Synthesis", <i>Science</i> : 232, 341-3479 (1986).	
	30	NEEDLEMAN, S.B. <i>et al.</i> "A General method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins", <i>J. Mol. Biol.</i> : 48, 443-453 (1970).	
	31	PEARSON, W.R. <i>et al.</i> "Improved Tools for Biological Sequence Comparison", <i>Proc. Natl. Acad. Sci. U.S.A.</i> :85, 2444-2448 (1988).	
	32	PRIOLA, S.A., <i>et al.</i> , "Porphyrin and Phthalocyanine Antiscrapie Compounds", <i>Science</i> : 287, 1503-1506 (2000).	
	33	PRUSINER, S.B., "Molecular Biology of Prion Diseases", <i>Science</i> : 252, 1515-1522 (1991).	

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		Group Art Unit	1645
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Sheet 3	of 3	Attorney Docket Number	21267-201

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	34	ROSE <i>et al.</i> "Turns In Peptides And Proteins", <i>Molecular Biology of Prion Diseases</i> Adv. Protein Chem.: 37, 1-109 (1985).	
	35	SAFAR, J. <i>et al.</i> , "Eight Prion Strains Have PrP(Sc) Molecules With Different Conformations", <i>Nature Medicine</i> : 4, 1157-1165 (1998).	
	36	SAMSON, W.K. <i>et al.</i> "A 35 Amino Acid Fragment of Leptin Inhibits Feeding in the Rat", <i>Endocrinology</i> : 137, 5182-5185 (1996).	
	37	SOTO, C. <i>et al.</i> , "Reversion of Prion Protein Conformational Changes in Synthetic Beta-Sheet Breaker Peptides", <i>Lancet</i> : 355, 192-197 (2000).	
	38	STOCKELL, <i>et al.</i> , "Prion Protein Selectively Binds Copper(II) Ions", <i>Biochemistry</i> : 37, 7185-7193 (1998).	
	39	TAGLIAVANI, F., <i>et al.</i> , "Effectiveness of Anthracycline Against Experimental Prion Diseases in Syrian Hamsters," <i>Science</i> : 276, 1119-1122 (1997).	
	40	CASPI <i>et al.</i> , "The Anti-Prion Activity Of Congo Red", <i>J. Biol. Chem.</i> : 273, 3484-3489 (1999).	
	41	McHattle <i>et al.</i> , "Clusterin Prevents Aggregation Of Neuropeptide 106-126 <i>In Vitro</i> ", <i>Biochem. Biophys. Res. Commun.</i> : 259, 336-340 (1999).	

Examiner Signature		Date Considered	
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<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language translation is attached.